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RAW SEQUENCE LISTING   DATE: 04/01/2002
PATENT APPLICATION: US/09/301,507   TIME: 10:53:34

Input Set : **A:\401cl.app**
Output Set: **N:\CRF3\04012002\I301507.raw**

SEQUENCE LISTING
```
 4 (1) GENERAL INFORMATION:
 6       (i) APPLICANT: Cynader, Max
 7                      Prasad, Shiv
 9      (ii) TITLE OF INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL
10                              PLASTICITY AND METHODS RELATED THERETO
12     (iii) NUMBER OF SEQUENCES: 132
14      (iv) CORRESPONDENCE ADDRESS:
15           (A) ADDRESSEE: Seed Intellectual Property Law Group PLLC
16           (B) STREET: 701 Fifth Avenue, Suite 6300
17           (C) CITY: Seattle
18           (D) STATE: Washington
19           (E) COUNTRY: USA
20           (F) ZIP: 98104-7092
22       (v) COMPUTER READABLE FORM:
23           (A) MEDIUM TYPE: Floppy disk
24           (B) COMPUTER: IBM PC compatible
25           (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26           (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
28      (vi) CURRENT APPLICATION DATA:
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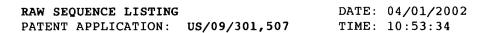C--> 29   (A) APPLICATION NUMBER: US/09/301,507
C--> 30   (B) FILING DATE: 28-Apr-1999
```
31           (C) CLASSIFICATION:
33    (viii) ATTORNEY/AGENT INFORMATION:
34           (A) NAME: Potter, Jane E. R.
35           (B) REGISTRATION NUMBER: 33,332
36           (C) REFERENCE/DOCKET NUMBER: 230018.401C1
38      (ix) TELECOMMUNICATION INFORMATION:
39           (A) TELEPHONE: (206) 622-4900
40           (B) TELEFAX: (206) 682-6031
43 (2) INFORMATION FOR SEQ ID NO: 1:
45       (i) SEQUENCE CHARACTERISTICS:
46           (A) LENGTH: 62 base pairs
47           (B) TYPE: nucleic acid
48           (C) STRANDEDNESS: single
49           (D) TOPOLOGY: linear
55      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
57 CCTGGCTGCC TGTGCCTCAA CCCCACTCCC AGGGAGACCA AAAGCCTTCA TACATCTGAA        60
59 AT                                                                       62
61 (2) INFORMATION FOR SEQ ID NO: 2:
63       (i) SEQUENCE CHARACTERISTICS:
64           (A) LENGTH: 92 base pairs
65           (B) TYPE: nucleic acid
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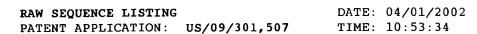Output Set: **N:\CRF3\04012002\I301507.raw**

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66              (C) STRANDEDNESS: single
67              (D) TOPOLOGY: linear
73      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
75 GCGACGGACG AGATGTCTTC GGTGTCCTTG CGTTCGCTAC CAGGTCAAAA TGCAAATCTT      60
77 CGTGAAAACC CTGACGGGCA AGACCATCAC CC                                    92
79 (2) INFORMATION FOR SEQ ID NO: 3:
81      (i) SEQUENCE CHARACTERISTICS:
82              (A) LENGTH: 114 base pairs
83              (B) TYPE: nucleic acid
84              (C) STRANDEDNESS: single
85              (D) TOPOLOGY: linear
91      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
93 TTTTTTTTAA TTGAGAAAGA CATAATGGTT ATGGCATTGG CTTGAAACCA GTTAAACACC      60
95 GTTTCGATTC CTTCCTTTCT TATTTTAATA GTACGTTAAG TTGGCTCTTC AAAT           114
97 (2) INFORMATION FOR SEQ ID NO: 4:
99      (i) SEQUENCE CHARACTERISTICS:
100             (A) LENGTH: 86 base pairs
101             (B) TYPE: nucleic acid
102             (C) STRANDEDNESS: single
103             (D) TOPOLOGY: linear
109     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
111 ATCCATACTT GCTATTTATT TAGGCTTCTA GTTTGGAACA AAAGGNCAAG AGTTAAAAAA      60
113 ATGCCAACAT TTCAAGGACC CTTGTT                                          86
115 (2) INFORMATION FOR SEQ ID NO: 5:
117     (i) SEQUENCE CHARACTERISTICS:
118             (A) LENGTH: 112 base pairs
119             (B) TYPE: nucleic acid
120             (C) STRANDEDNESS: single
121             (D) TOPOLOGY: linear
127     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
129 CTTCCCCCAC TCATCCCTGC TCTGGTCCCT TGTGCCCCTT GGCCCTTTAC CCCAAGCACC      60
131 ACCCCACAGA CTGGGGACCA GCCCCCTCTC CTGCCTATGT CTCGCCCCAA AT            112
133 (2) INFORMATION FOR SEQ ID NO: 6:
135     (i) SEQUENCE CHARACTERISTICS:
136             (A) LENGTH: 126 base pairs
137             (B) TYPE: nucleic acid
138             (C) STRANDEDNESS: single
139             (D) TOPOLOGY: linear
145     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
147 CCTTCCCTTC CTTACTTTAA TAGTTCGGTA GTACGGANGT TAAATCTTCA GGTCGGTGGT      60
149 ACGCAGCCGG GCAACCATGC AATGGATTNA AGGTNGGTAA TGGTACAATT GGCCTATGCC     120
151 CACTTT                                                              126
153 (2) INFORMATION FOR SEQ ID NO: 7:
155     (i) SEQUENCE CHARACTERISTICS:
156             (A) LENGTH: 121 base pairs
157             (B) TYPE: nucleic acid
158             (C) STRANDEDNESS: single
159             (D) TOPOLOGY: linear
165     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
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167 CTTTAGAGCG CACTCAGGGG CACTTGNAAG GGCTTCTCAC GAGCGTGGCT GTGGCCATCT        60
169 GTGGAAAGAG CTTCTCGCAG TGNTCGGTNG NNTTATCCCC CACGCCCNTA GNGCACTACT       120
171 C                                                                      121
173 (2) INFORMATION FOR SEQ ID NO: 8:
175      (i) SEQUENCE CHARACTERISTICS:
176          (A) LENGTH: 94 base pairs
177          (B) TYPE: nucleic acid
178          (C) STRANDEDNESS: single
179          (D) TOPOLOGY: linear
185      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
187 TTAGTTTCAC ATTCAAGGGG CTTATGAAGA GATGCAAGTC AGGATACATA GGCTTGATTC        60
189 TTGGCAGCTT AATGAGTATT CACTGAGGCA CTTG                                    94
191 (2) INFORMATION FOR SEQ ID NO: 9:
193      (i) SEQUENCE CHARACTERISTICS:
194          (A) LENGTH: 76 base pairs
195          (B) TYPE: nucleic acid
196          (C) STRANDEDNESS: single
197          (D) TOPOLOGY: linear
203      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
205 CCGCCTGATA TAGACACTTC GTAGAGCGTA GTTTGACTAT TCCTATACGT TTCTATTTAT        60
207 TGATGAGGAT CCTAAA                                                        76
209 (2) INFORMATION FOR SEQ ID NO: 10:
211      (i) SEQUENCE CHARACTERISTICS:
212          (A) LENGTH: 148 base pairs
213          (B) TYPE: nucleic acid
214          (C) STRANDEDNESS: single
215          (D) TOPOLOGY: linear
221      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
223 TTTATTATGC ACACGTTGTT CAAATAAACC AGTGTGGGAT GTTAAGACTA TCAATTAATG        60
225 GTGGGATTAT GTTTGGCATT TTATTNNTTA TAAATATATA TTTTTTCTGA ATGTGTCCTG       120
227 AGNTCCAAAG AGGTTGGGGG NGGGGGNG                                          148
229 (2) INFORMATION FOR SEQ ID NO: 11:
231      (i) SEQUENCE CHARACTERISTICS:
232          (A) LENGTH: 144 base pairs
233          (B) TYPE: nucleic acid
234          (C) STRANDEDNESS: single
235          (D) TOPOLOGY: linear
241      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
243 TTTCCTTGGG TTGCTGGTTG GATTAATCTT TAATAACAAT ATATAGAATT GTAGACTGAT        60
245 GTTTTAGTGT TTTTCCAACA CACAAACATA AAAATAAAAA CAAGTCGGAC CGCTACTTCT       120
247 GTGTAAATCA AGATCNTTGG GGAA                                              144
249 (2) INFORMATION FOR SEQ ID NO: 12:
251      (i) SEQUENCE CHARACTERISTICS:
252          (A) LENGTH: 139 base pairs
253          (B) TYPE: nucleic acid
254          (C) STRANDEDNESS: single
255          (D) TOPOLOGY: linear
261      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
263 CCTGGCCAGC GGGCAGGGCC ACGAAGGCAA GATCGGTCGT TGTGCTTGTG TTTTCCAAGG        60
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265 AGACGANCCN ATNANCTGTA AATATGTACA CGTNTCTGTC TGTGTGTCCT TCGNGGNAGG        120
267 ATGGTCGGNT CTATTTAAA                                                      139
269 (2) INFORMATION FOR SEQ ID NO: 13:
271       (i) SEQUENCE CHARACTERISTICS:
272             (A) LENGTH: 139 base pairs
273             (B) TYPE: nucleic acid
274             (C) STRANDEDNESS: single
275             (D) TOPOLOGY: linear
281       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
283 CCAAAATATA TTTGGGCCAA ATGTTCCGAG GATGAGTCAG GCTGTCCTTC GCGCGGGCGA         60
285 GACGAAGCTT CACACGGGAC AAGATGGGAT GGGTTGGAGG AATGGATGGT CCCCCAAACA        120
287 ATGGGCTTAN AANAATTAT                                                      139
289 (2) INFORMATION FOR SEQ ID NO: 14:
291       (i) SEQUENCE CHARACTERISTICS:
292             (A) LENGTH: 121 base pairs
293             (B) TYPE: nucleic acid
294             (C) STRANDEDNESS: single
295             (D) TOPOLOGY: linear
301       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
303 TTTACTGACA AGCATGGGGA AGTGTGCCCA GCTGGCTGGA AGCTGGCAGT GATACCATCA         60
305 AGCCTGATGT CCAGAAGAGC AAAGAATATT TCTCTAAGCA GAAGTGAGCG CTAGGCCTTT        120
307 T                                                                        121
309 (2) INFORMATION FOR SEQ ID NO: 15:
311       (i) SEQUENCE CHARACTERISTICS:
312             (A) LENGTH: 132 base pairs
313             (B) TYPE: nucleic acid
314             (C) STRANDEDNESS: single
315             (D) TOPOLOGY: linear
321       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
323 CGGCTTCCTG GGCTTTATCG TATGAGCCCA TCACATGTTT ACTGTAGGAA TGGATGTAGA         60
325 CACACGAGCA TACTTTACAT CAGCCACTAT AATTATTGCC ATTCCTACCG GGGTGAAAGT        120
327 ATTTAGTTGA CT                                                             132
329 (2) INFORMATION FOR SEQ ID NO: 16:
331       (i) SEQUENCE CHARACTERISTICS:
332             (A) LENGTH: 130 base pairs
333             (B) TYPE: nucleic acid
334             (C) STRANDEDNESS: single
335             (D) TOPOLOGY: linear
341       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
343 GGAGCTTGAA GAAGAAGTTT TTTACCACCG TCTTTTTCTA CTTTATACAG AAGTAGATAT         60
345 TCCTGCGAAG AAGAATAATT TGGGGTAATA TGCAAGCTAG TAGATGTGGC ACAGCAAATC        120
347 ATATAATAAA                                                               130
349 (2) INFORMATION FOR SEQ ID NO: 17:
351       (i) SEQUENCE CHARACTERISTICS:
352             (A) LENGTH: 209 base pairs
353             (B) TYPE: nucleic acid
354             (C) STRANDEDNESS: single
355             (D) TOPOLOGY: linear
361       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
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```
363 ACCCCACCCA GAGCCTGGAA TCAGGATCCC AGGGTCTAGC CAGCCTGGGG TCCAGAACCC      60
365 AGAATCCAGC CTGTCTGAGC TGGACCTAGC AGCCCAGAGT CTAGCCAGCC TCGCTCCAAG     120
367 AGGGGCTCTG GTGGCCTAGG TAGACAGGCC TGGGTGGGGA TCAATGAGTT GGTGCTAGGG     180
369 CCAGGGCACC TCGACTCTGC TCCATACTG                                       209
371 (2) INFORMATION FOR SEQ ID NO: 18:
373       (i) SEQUENCE CHARACTERISTICS:
374           (A) LENGTH: 188 base pairs
375           (B) TYPE: nucleic acid
376           (C) STRANDEDNESS: single
377           (D) TOPOLOGY: linear
383      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
385 CACCTTCCTG AAACACCTGT GGCTTTGACT TTGTTATTGA TCCAGATTAT TCTCCTTGCA      60
387 TTGGGGAAAA TATCTTTCAT ATTTCACTGT AAGGGATGGT TTTGCGAGAG TAAGTTAATG     120
389 TCAAGACAAA CTGCCAATAC AAGAGCCCAA TGATATTAAT TACATGAGAA AAAGTAACTA     180
391 ATACATCC                                                             188
393 (2) INFORMATION FOR SEQ ID NO: 19:
395       (i) SEQUENCE CHARACTERISTICS:
396           (A) LENGTH: 190 base pairs
397           (B) TYPE: nucleic acid
398           (C) STRANDEDNESS: single
399           (D) TOPOLOGY: linear
405      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
407 GAGAAAGAAA GAGATGTTTT ATTAGCATTT GTTACAGCAA CGGTGACGTG AAGGGTCGTC      60
409 CGTGCACAGC CACCCGAGCG GCAAGGCGTA GGCCAGAGCT GACACCCAGT ATTTACACGA     120
411 GTGCAGAACA GGATCACCCC GAACCTCAAA CAGAAGACTG AAAGTCACTT TACAAAAAGG     180
413 TAAATAAAAA                                                           190
415 (2) INFORMATION FOR SEQ ID NO: 20:
417       (i) SEQUENCE CHARACTERISTICS:
418           (A) LENGTH: 200 base pairs
419           (B) TYPE: nucleic acid
420           (C) STRANDEDNESS: single
421           (D) TOPOLOGY: linear
427      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
429 GCTACGGTCG ACATCACCAT CTTTATCCCT TCCAGCCCTT TGCTGGGTCG CGGGCCTTGG      60
431 GAAGATGCCA AAGAGCCGAG CAGTGGTGGT GGCCAGCGGG CAGAGTGTCC CTGCTTGGGC     120
433 CAGGAAAGCT TTACCTTCTC TGAGCGCCTC TGCCTGAGAG ATCGATGGTC TGTGGCTCTA     180
435 GGAGACCACG TCTTGGAGTG                                                 200
437 (2) INFORMATION FOR SEQ ID NO: 21:
439       (i) SEQUENCE CHARACTERISTICS:
440           (A) LENGTH: 165 base pairs
441           (B) TYPE: nucleic acid
442           (C) STRANDEDNESS: single
443           (D) TOPOLOGY: linear
449      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
451 CCTTCTTTAT TGAATGACTT TCAAGAGGTA ATTACAGTTG AAGGTGACAA GTTAGAAAGG      60
453 AGAGGTGCCA CTGAAGGCAT AAGGCTGCTT GTAGACCCGG CTCTAGACAA GTGGCAGGAG     120
455 AAGAAAGAGG GTTAAAAAAG GCATGAGCGT GCAGCCCACG GGGCA                     165
457 (2) INFORMATION FOR SEQ ID NO: 22:
459       (i) SEQUENCE CHARACTERISTICS:
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VERIFICATION SUMMARY   DATE: 04/01/2002
PATENT APPLICATION: US/09/301,507   TIME: 10:53:35

    Input Set : **A:\401cl.app**
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L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]